BRUHAT BENGALURU MAHANAGARA PALIKE

MEASUREMENT SHEET

PRE-MEASUREMENT

Name of work: Improvements to Roads and Drains at Kempegowdanagara Road and Surrounding areas in Ward No. 13, (Doddabommasandra).

Estimated Cost : Rs. 25.00 Lakhs

Head of Account : P-3726 Zonal Public Works - POW Works

Job Code: 013-23-000006

Name of Agency: Sri. D.A Ravindra, No. 1265, HIG Mother Dairy Road, near Karnataka Bank, Yelahanka New Town, Bengaluru - 560064.

Work order No: BMP/EE/BTP/WO/139/2022-23 D: 03-03-2023.

	Measurements Recarded on :	10-04-2023							
Sl No	Description of work	Mesurement						Qty.	Unit
		No.	L	B1	B2	Av.B	D		
1	Removing and resetting of footpath slab (Approved arrival rate)								Sqm
	Drain Covering Slab								
	Kempegowdanagara								
	From Cross Road to Telecom Layout Main Road E/S	1	10.00			0.90		9.00	
		1	12.00			0.90		10.80	
		1	10.50			0.90		9.45	
		1	12.60			0.90		11.34	
		1	10.00			0.90		9.00	
		1	9.80			0.90		8.82	
		1	9.80			0.90		8.82	
		1	12.90			0.90		11.61	
		1	12.90			0.90		11.61	
		1	10.90			0.90		9.81	
		1	12.50			0.90		11.25	
		1	10.90			0.90		9.81	
		1	12.90			0.90		11.61	
		1	12.50			0.90		11.25	
		1	13.50			0.90		12.15	
	From Cross Road to Telecom Layout Main Road W/S	1	12.60			0.90		11.34	
		1	10.60			0.90		9.54	
		1	13.40			0.90		12.06	
		1	15.00			0.90		13.50	
		1	12.60			0.90		11.34	
		1	10.90			0.90		9.81	
		1	10.90			0.90		9.81	
		1	12.00			0.90		10.80	
		1	13.80			0.90		12.42	
		1	10.90			0.90		9.81	
		1	12.50			0.90		11.25	
		1	12.60			0.90		11.34	
		1	12.90			0.90		11.61	

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Sl No	Description of work	Mesurement						Qty.	Unit
		No.	L	B1	B2	Av.B	D		
		1	12.90			0.90		11.61	
		1	13.00			0.90		11.70	
			Total Qty =					324.27	
			Qty LTD to Approved Qty =					324.00	Sqm

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Sl No	Description of work	Mesurement No.	L	B1	B2	Av.B	D	Qty.	Unit
	Measurements Recarded on :	18-04-2023							
2	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.								Cum
	Drain Desilt								
	Kempegowdanagara								
	From Cross Road to Telecom Layout Main Road E/S	1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	5.50			0.45	0.45	1.11	
	From Cross Road to Telecom Layout Main Road W/S	1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	15.00			0.45	0.45	3.03	
		1	5.50			0.45	0.45	1.11	
				Total Qty =				93.12	
				Qty LTD to Approved Qty =				91.12	Cum

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Sl No	Description of work	Mesurement						Qty.	Unit
		No.	L	B1	B2	Av.B	D		
	Measurements Recarded on :	25-04-2023							
4	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separately								
	CC Road Dismantling								
	Kemgegowdanagara								
	From Cross Road to Telecom Layout Main Road	1	15.00	5.25	5.00	5.13	0.20	15.38	
		1	15.00	5.00	5.05	5.03	0.20	15.08	
		1	15.00	5.05	4.85	4.95	0.20	14.85	
		1	15.00	4.85	5.00	4.93	0.20	14.78	
		1	15.00	5.00	5.50	5.25	0.20	15.75	
		1	15.00	5.50	4.95	5.23	0.20	15.68	
		1	15.00	4.95	4.70	4.83	0.20	14.48	
		1	15.00	4.70	4.95	4.83	0.20	14.48	
		1	15.00	4.95	4.70	4.83	0.20	14.48	
		1	15.00	4.70	4.90	4.80	0.20	14.40	
		1	15.00	4.90	4.40	4.65	0.20	13.95	
		1	15.00	4.40	4.60	4.50	0.20	13.50	
		1	15.00	4.60	4.20	4.40	0.20	13.20	
		1	15.00	4.20	4.35	4.28	0.20	12.83	
		1	15.00	4.35	4.65	4.50	0.20	13.50	
		1	5.50	4.65	3.90	4.28	0.20	4.70	
			Total Qty =					**221.00**	
			Qty LTD to Approved Qty =					**202.50**	Cum

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Sl No	Description of work	Mesurement						Qty.	Unit
		No.	L	B1	B2	Av.B	D		
	Measurements Recarded on :	29-04-2023							
5	Construction of Dry Lean Cement Concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm,aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/ m3 , optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 t vibratory roller, finishing and curing.								
	CC Road								
	Kemgegowdanagara								
	From Cross Road to Telecom Layout Main Road	1	15.00	5.25	5.00	5.13	0.15	11.53	
		1	15.00	5.00	5.05	5.03	0.15	11.31	
		1	15.00	5.05	4.85	4.95	0.15	11.14	
		1	15.00	4.85	5.00	4.93	0.15	11.08	
		1	15.00	5.00	5.50	5.25	0.15	11.81	
		1	15.00	5.50	4.95	5.23	0.15	11.76	
		1	15.00	4.95	4.70	4.83	0.15	10.86	
		1	15.00	4.70	4.95	4.83	0.15	10.86	
		1	15.00	4.95	4.70	4.83	0.15	10.86	
		1	15.00	4.70	4.90	4.80	0.15	10.80	
		1	15.00	4.90	4.40	4.65	0.15	10.46	
		1	15.00	4.40	4.60	4.50	0.15	10.13	
		1	15.00	4.60	4.20	4.40	0.15	9.90	
		1	15.00	4.20	4.35	4.28	0.15	9.62	
		1	15.00	4.35	4.65	4.50	0.15	10.13	
		1	5.50	4.65	3.90	4.28	0.15	3.53	
			Total Qty =					**165.75**	
			Qty LTD to Approved Qty =					**151.88**	Cum

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